

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE: U.S. DEPARTMENT OF COMMERCE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 283256US3X PCT
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/567922</b>
INTERNATIONAL APPLICATION NO. PCT/JP05/01101	INTERNATIONAL FILING DATE January 27, 2005	PRIORITY DATE CLAIMED January 27, 2004 earliest
TITLE OF INVENTION <b>RADIAL VANE FOR TOOTH BRUSH, TOOTH BRUSH USING THE SAME, AND METHOD AND DEVICE FOR MANUFACTURING THE RADIAL VANE FOR THE TOOTH BRUSH</b>		
APPLICANT(S) FOR DO/EO/US <b>Toshifumi TAKEUCHI</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> If the declaration is in a language other than the English language, it is accompanied by an English translation. The translation is accurate (37 CFR 1.69)</li> </ul> </p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p> <p>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</p> <p>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</p> <p><b>Items 13 to 23 below concern document(s) or information included:</b></p> <p>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> PTO-1449</li> <li>b. <input checked="" type="checkbox"/> Cited References 5</li> <li>c. <input type="checkbox"/> Statement of Relevancy</li> <li>d. <input type="checkbox"/> List of Related Cases.</li> </ul> </p> <p>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>17. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>18. <input type="checkbox"/> A substitute specification.</p> <p>19. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>20. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>21. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>22. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</p> <p>23. <input checked="" type="checkbox"/> Other items or information: Notice of Priority/PCT/IB/304/Drawings (14 sheets)</p>		

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<p>The following fees are submitted:</p> <table border="1"> <tr> <td colspan="2">24. <input checked="" type="checkbox"/> Basic national fee.....</td> <td>\$300</td> <td colspan="2">CALCULATIONS PTO USE ONLY</td> </tr> <tr> <td colspan="2"></td> <td>\$300.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">25. <input checked="" type="checkbox"/> Examination fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .... \$0 All other situations.....</td> <td>\$200</td> <td colspan="2"></td> </tr> <tr> <td colspan="2"></td> <td>\$200.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">26. <input checked="" type="checkbox"/> Search fee If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations.....</td> <td>\$500</td> <td colspan="2"></td> </tr> <tr> <td colspan="2"></td> <td>\$400.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="5"><b>TOTAL OF 24, 25 AND 26 =</b> \$900.00</td> </tr> <tr> <td colspan="5"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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(703) 413-2220 (OSMMN 1/06)</td> </tr> </table>					24. <input checked="" type="checkbox"/> Basic national fee.....		\$300	CALCULATIONS PTO USE ONLY				\$300.00			25. <input checked="" type="checkbox"/> Examination fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .... \$0 All other situations.....		\$200					\$200.00			26. <input checked="" type="checkbox"/> Search fee If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations.....		\$500					\$400.00			<b>TOTAL OF 24, 25 AND 26 =</b> \$900.00					<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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10/567922

1AP5 Rec'd PCT/PTO 10 FEB 2006

Docket No. 283256US3X PCT

IN'RE APPLICATION OF: Toshifumi TAKEUCHI

SERIAL NO: New U.S. PCT Application Based on PCT/JP05/01101

FILED: Herewith

FOR: RADIAL VANE FOR TOOTH BRUSH, TOOTH BRUSH USING THE SAME, AND METHOD AND DEVICE FOR MANUFACTURING THE RADIAL VANE FOR THE TOOTH BRUSH

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

- No additional fee is required
- Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- Additional documents filed herewith: Credit Card Payment Form for \$1,450.00/PCT Transmittal Letter/Application Data Sheet/Notice of Priority/Preliminary Amendment/Drawings (14 sheets)/PCT/IB/304/International Search Report/Information Disclosure Statement/ PTO-1449/Cited References (5)

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	23	MINUS	23	0	x \$50 =	\$0.00
INDEPENDENT	5	MINUS	5	0	x \$200 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$360 =	\$0.00
						\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
						TOTAL \$0.00

- A check in the amount of \$0.00 is attached.
- Credit card payment form is attached to cover the fees in the amount of \$0.00
- Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



C. Irvin McClelland  
Registration No. 21,124

Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

Surinder Sachar  
Registration No. 34,423